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## **AMENDMENTS TO THE CLAIMS:**

- 1. (Currently amended) A light emitting apparatus, comprising:
- a semiconductor light emitting element that is mounted on an electrode and emits light with a predetermined wavelength;
- a pre-molded light-transmitting portion that includes a recess to house the semiconductor light emitting element, the pre-molded light-transmitting portion comprising a light-transmitting material and being affixed to said electrode by a sealant formed on said light emitting element; and
- a phosphor layer portion that is formed on a surface of the recess, the phosphor layer portion including a phosphor to be excited by irradiating light emitted from the semiconductor light emitting element,

wherein said light-transmitting portion comprises a convex portion and said electrode comprises a concave portion which engages with said convex portion to allow the light-transmitting portion to be positioned on the electrode.

- 2. (Previously presented) The light emitting apparatus according to claim 1, wherein the light-transmitting portion has a light convergence shape to converge light emitted from the light emitting element.
- 3. (Previously presented) The light emitting apparatus according to claim 1, wherein the semiconductor light emitting element is a flip-chip type LED element that emits light from its light emission surface located on the opposite side of its mounting surface.
- 4. (Previously presented) The light emitting apparatus according to claim 1, wherein the recess is located close to the semiconductor light emitting element along the profile of the semiconductor light emitting element.
- 5. (Previously presented) The light emitting apparatus according to claim 1, wherein the

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semiconductor light emitting element is composed of a plurality of LED elements disposed in a predetermined arrangement.

- 6. (Previously presented) The light emitting apparatus according to claim 1, wherein the semiconductor light emitting element is composed of a plurality of LED elements with different emission wavelengths disposed in a predetermined arrangement.
- 7. (Withdrawn-currently amended) A method of making a light emitting apparatus, comprising:

providing a pre-molded light-transmitting portion that includes a recess to house a semiconductor light emitting element, the pre-molded light-transmitting portion comprising a light transmitting material and the recess being provided with a phosphor layer that is formed on a surface of the recess;

forming an electrode of metal material;

mounting the semiconductor light emitting element on the electrode; positioning the pre-molded light-transmitting portion adjacent to the electrode such that said semiconductor light emitting element is housed in said recess; and

bonding the pre-molded light-transmitting portion onto the electrode such that the phosphor layer of the recess surrounds an upper portion of the semiconductor light emitting element, said light transmitting portion being affixed to said electrode by a sealant formed on said light emitting element,

wherein said light-transmitting portion comprises a convex portion and said electrode comprises a concave portion which engages with said convex portion to allow the light-transmitting portion to be positioned on the electrode.

- 8. (Withdrawn) The method according to claim 7, wherein the phosphor layer is formed by spraying a phosphor material on the surface of the recess after forming the recess by molding.
- 9. (Withdrawn) The method according to claim 7, wherein the electrode comprises a

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lead electrode provided on the surface of a submount member of high thermal conductivity,

- 10. (Withdrawn) The method according to claim 7, wherein the electrode comprises a copper-foil electrode provided through an insulation layer on the surface of a base member of high thermal conductivity.
- 11. (Withdrawn) The method according to claim 7, wherein the semiconductor light emitting element is flip-chip bonded onto the electrode.
  - 12-25. (Canceled)
  - (Previously presented) The apparatus according to claim 1, wherein said sealant 26. comprises a transparent silicon resin.
  - 27. (Previously presented) The apparatus according to claim 1, further comprising: a plurality of leads; and a submount formed on said plurality of leads, said light emitting element being formed on said submount.
  - 28. (Previously presented) The apparatus according to claim 27, wherein said submount comprises a thermally conductive submount.
  - 29. (Previously presented) The apparatus according to claim 27, wherein said light transmitting portion is formed on said plurality of leads, said recess being aligned with said light emitting element.
  - 30. (Previously presented) The apparatus according to claim 27, further comprising: a wiring pattern formed on said submount, said light emitting element being mounted on said wiring pattern.

- 31. (Previously presented) The apparatus according to claim 30, wherein said light emitting element is flip-chip bonded through bumps onto the wiring pattern.
- 32. (Previously presented) The apparatus according to claim 30, wherein said submount comprises a viahole, said wiring pattern being electrically connected through said viahole to said lead.
- 33. (Previously presented) The apparatus according to claim 1, wherein said light emitting element emits light having a wavelength in a range from 450nm to 480 nm.
- 34. (Previously presented) The apparatus according to claim 1, wherein said phosphor layer portion comprises Ce:YAG.
- 35. (Previously presented) The apparatus according to claim 1, wherein said phosphor layer portion comprises a uniform thickness.
- 36. (Withdrawn) The method according to claim 7, further comprising:

forming said sealant between said light emitting element and said phosphor layer, for sealing said light emitting element, said forming said sealant comprising:

injecting said sealant into said recess; and

fixing said light transmitting portion onto said light emitting element such that said light emitting element is sealed with said sealant.

- 37. (Currently amended) A light emitting apparatus, comprising:
- a light emitting element that is mounted on an electrode and emits light with a predetermined wavelength;
- a pre-molded lens comprising a recessed portion which has a predetermined size, said light emitting element being housed in said recessed portion such that said pre-molded lens is formed over said light emitting element; and

a phosphor layer formed on a surface of said recessed portion, said phosphor layer including a material which is excited by light emitted from the light emitting element,

wherein a sealant is formed between said light emitting element and said phosphor layer, for sealing said light emitting element, and

wherein said pre-molded lens is affixed to said electrode by said scalant,
wherein said lens comprises a convex portion and said electrode comprises a
concave portion which engages with said convex portion to allow the lens to be
positioned on the electrode.

- 38. (Previously presented) The light emitting apparatus according to claim 1, wherein said phosphor layer portion comprises an inner surface having a shape which is dependent upon a shape of said recess.
- 39. (Previously presented) The light emitting apparatus according to claim 1, wherein said pre-molded light-transmitting portion further comprises a positioning portion to allow said pre-molded light-transmitting portion to be precisely positioned to said semiconductor light emitting element.
- 40. (Withdrawn) The method according to claim 7, wherein said pre-molded light-transmitting portion further comprises a positioning portion to allow said pre-molded light-transmitting portion to be precisely positioned to said semiconductor light emitting element.
- 41. (Previously presented) The light emitting apparatus according to claim 1, wherein said recess comprises a predetermined size which is other than defined by a thickness of said phosphor layer portion.
- 42. (Previously presented) The light emitting apparatus according to claim 37, wherein said recessed portion comprises a predetermined size which is other than

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defined by a thickness of said phosphor layer.

- 43 (New) The light emitting apparatus according to claim 1, wherein said semiconductor light emitting element is mounted on a surface of said electrode and said light-transmitting portion is affixed to said surface of said electrode by said scalant.
- 44. (New) The light emitting apparatus according to claim 1, wherein a gap is formed between a surface of said phosphor layer portion and said light-transmitting portion, said sealant filling said gap.
- 45. (New) The light emitting apparatus according to claim 1, further comprising: a thermally-conductive submount, wherein said electrode comprises:
  - a first lead comprising an indented portion; and
  - a second lead comprising an indented portion,

wherein said submount is formed in said indented portion of said first and second leads,

wherein said electrode further comprises a first wiring pattern formed on a surface of said submount which is on said indented portion of said first lead, and a second wiring pattern formed on a surface of said submount which is on said indented portion of said second lead,

wherein said first and second wiring patterns are separated at a location which is between said recess of said light-transmitting portion and said submount,

wherein said sealant comprises a silicon scalant which is formed between said first wiring pattern and said light-transmitting portion, and between said second wiring pattern and said light-transmitting portion, and

wherein said light-transmitting portion comprises a convex portion and a bottommost surface which is formed opposite said convex portion and contacts said electrode, said recess being formed in said bottommost surface.